GOVERNMENT OF INDIA
HOME AFFAIRS
LOK SABHA

UNSTARRED QUESTION NO:6155
ANSWERED ON:11.04.2017
Upgradation of Vulnerability and Hazard Maps
Singh Shri Dushyant

Will the Minister of HOME AFFAIRS be pleased to state:

(a) whether vulnerability and hazard maps and atlases created for vulnerability and risk assessment have been upgraded recently and if so, the details thereof;

(b) whether earthquake hazard map and atlas has been prepared for all the States down to the district level and if not, the States which are yet to be covered; and

(c) the status of landslide hazard map, flood hazard map and cyclone hazard map, with regard to creation, upgradation and completion?

Answer

MINISTER OF STATE IN THE MINISTRY OF HOME AFFAIRS
(SHRI KIREN RIJIJU)

(a): The Vulnerability Atlas of India is prepared by Building Materials and Technologies Promotion Council (BMTPC) under the Ministry of Housing and Urban Poverty Alleviation. The Atlas includes state wise hazard maps with respect to Earthquakes, Wind, Cyclone and Floods and district wise vulnerability of housing stocks, based on the materials used for walling and roofing of the building, as per the Census data. This Atlas was first published

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in 1997, and was revised in 2006. Up-gradation of the Atlas and hazard maps is a continuous process based on latest data available from source organizations i.e. Bureau of Indian Standards for Earthquake Hazard Maps and Wind zoning map, Central Water Commission for flood hazard maps and cyclone data from India Meteorological Department and Housing data from the Census .

(b): Yes, Madam. NDMA in association with BMPTC has prepared Upgraded Earthquake Hazard Maps and Atlases for all the States and UTs down to district level and distributed to all States/UTs in July, 2016.
(c): The Hazard Vulnerability Atlas published by BMTPC in 2006 has landslide hazard zonation map, flood hazard map and wind and cyclone hazard maps. Wind and Cyclone maps have been revised by BIS in 2015 according to IS 875 (Part 3). Other source organizations are at different stages of revising their hazard maps.

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